

Converting Colors

YIQ(172.3870, 20.3590,
-11.0410)

Have a look what the booklet for
YIQ(172.3870, 20.3590, -11.0410)
contains.

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Color

**YIQ(172.3870, 20.3590,
-11.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AE83
RGB	185, 174, 131
RGB Percent	73%, 68%, 51%
CMY	0.2745, 0.3176, 0.4862
CMYK	0.00, 0.06, 0.29, 0.27
HSL	48°, 28%, 62%
HSV	48°, 29%, 73%
XYZ	39.2414, 42.2240, 27.5649
YIQ	172.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

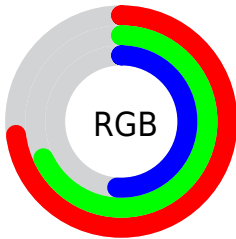
Format	Color
RYB	145, 185, 131
Decimal	12168835
CIELab	71.03, -2.80, 23.52
CIELCh	71, 23.688, 96.783
Yxy	42.2240, 0.3599, 0.3873
Android (android.graphics.Color)	4290358915 (0xFFB9AE83)
YUV	172.3870, -20.4038, 11.0616
Hunter-Lab	64.9800, -5.9190, 20.3349

Details

The YIQ color **172.3870, 20.3590, -11.0410** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143.6130, -20.3590, 11.0410**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7570, 22.1930, -11.2390**, and **120.0170, 18.5250, -10.8430** is the 20% darker color. If you saturate the color by 10%, you get **167.9870, 27.2370, -14.5470**, and if you desaturate by 10%, it is **176.9010, 13.1600, -7.2240**.

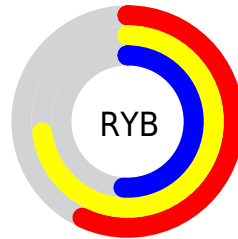
Distribution



Red (73%)

Green (68%)

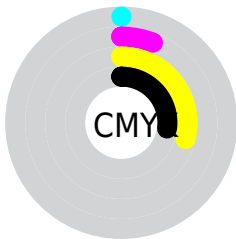
Blue (51%)



Red (57%)

Yellow (73%)

Blue (51%)

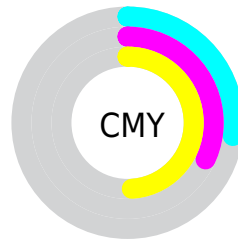


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3870, 20.3590, -11.0410 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 172.3870, 20.3590, -11.0410 by changing the saturation by 10% instead.

■ 172.3870, 20.3590,
-11.0410

■ 172.3870, 20.3590,
-11.0410

■ 255.0000, -0.0000,
-0.0000

■ 145.6150, 19.7170,
-10.4190

■ 227.7570, 22.1930,
-11.2390

■ 120.0170, 18.5250,
-10.8430

■ 250.0980, 13.8030,
-13.3730

■ 94.9460, 17.2870,
-10.4330

■ 253.2900, 4.8150,
-4.6650

■ 71.0600, 16.9660,
-10.1220

■ 48.5760, 15.4530,
-10.2350

■ 28.0750, 12.6100,
-8.2700

■ 3.5220, -1.6500,

-3.1380

■ 0.0000, 0.0000,
0.0000

■ 172.3870, 20.3590,
-11.0410

■ 172.3870, 20.3590,
-11.0410

■ 167.9870, 27.2370,
-14.5470

■ 176.9010, 13.1600,
-7.2240

■ 163.4730, 34.4360,
-18.3640

■ 181.3010, 6.2820,
-3.7180

■ 159.6600, 41.0390,
-22.3930

■ 185.2280, -0.6420,
0.6220

■ 155.1460, 48.2380,
-26.2100

■ 189.6280, -7.5200,
4.1280

■ 150.7460, 55.1160,
-29.7160

■ 194.1420,
-14.7190, 7.9450

■ 146.2320, 62.3150,
-33.5330

■ 198.5420,
-21.5970, 11.4510

■ 142.4190, 68.9180,
-37.5620

■ 201.7850,
-26.5950, 13.9250

■ 141.6040, 69.8350,
-37.6610

■ 204.1330,
-27.6950, 11.8330

■ 206.4810,
-28.7950, 9.7410

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.7140, 32.9200, -1.8960



172.3870, 20.3590, -11.0410



169.6450, 1.8370, -16.7790

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.3870, 20.3590, -11.0410



164.7690, -48.0020, -11.1220



177.8750, 17.1900, 18.8700

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



172.3870, 20.3590, -11.0410



143.6130, -20.3590, 11.0410

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.7570, -3.0290, 16.3550



172.3870, 20.3590, -11.0410



168.5020, -42.4560, -1.4960

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.3870, 20.3590, -11.0410



164.7560, -37.9600, -16.9040



173.1070, -24.8060, 9.0340



177.0090, 31.3120, 16.2400

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.3870, 20.3590, -11.0410



167.8760, -12.0550, -18.3190



173.1070, -24.8060, 9.0340



177.4660, 11.0920, 19.2520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



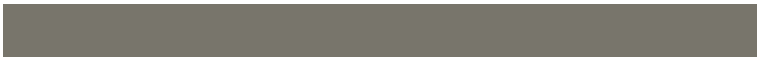
172.3870, 20.3590, -11.0410



234.5570, 8.4370, -4.2270



148.5140, 28.3320, 15.1800



116.7570, 4.9980, -2.4740



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.3870, 20.3590, -11.0410



220.4450, 31.6390, -17.2330



174.3590, 8.3940, -19.9740



89.8000, 3.4390, -1.7530



119.4320, 58.8760, -31.7800



21.2860, 10.6380, -5.5700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



143.6130, -20.3590, 11.0410



175.5550, -31.6390, 17.2330



141.6410, -8.3940, 19.9740



84.6130, -3.1640, 2.2760



36.5680, -58.8760, 31.7800



6.7140, -10.6380, 5.5700

Previews

White Background



This preview shows how the YIQ color 172.3870, 20.3590, -11.0410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 172.3870, 20.3590, -11.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

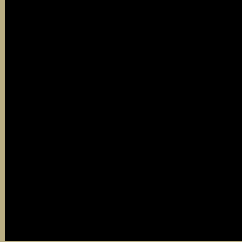
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.3870, 20.3590, -11.0410

Background



This preview shows how black text looks on a background with the YIQ color 172.3870, 20.3590, -11.0410.



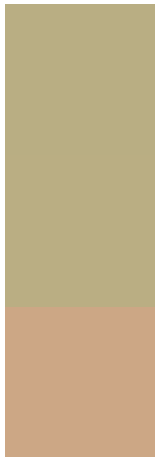
This preview shows how white text looks on a background with the YIQ color 172.3870, 20.3590,

-11.0410.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

172.3870, 20.3590, -11.0410

Protanopia

172.6860, 20.9550, -10.8290

Deuteranopia

174.1870, 32.9660, -2.7300



Tritanopia

175.7720, 9.8100, 9.4420

Trichromacy



Original Color

172.3870, 20.3590, -11.0410

Protanomaly

172.6860, 20.9550, -10.8290

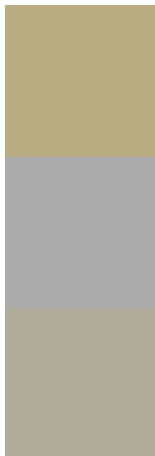
Deuteranomaly

173.7410, 28.2900, -6.0940

Tritanomaly

174.8830, 13.5710, 1.8510

Monochromacy



Original Color

172.3870, 20.3590, -11.0410

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3720, 7.5200, -4.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3870, 20.3590, -11.0410 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 174, 131)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 174, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 131) }
```

Border

The CSS property to change the border of an element to YIQ 172.3870, 20.3590, -11.0410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 174, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 174, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 174, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 131);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3870, 20.3590, -11.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
174, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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